



1/6

FIG. 1
PRIOR ART

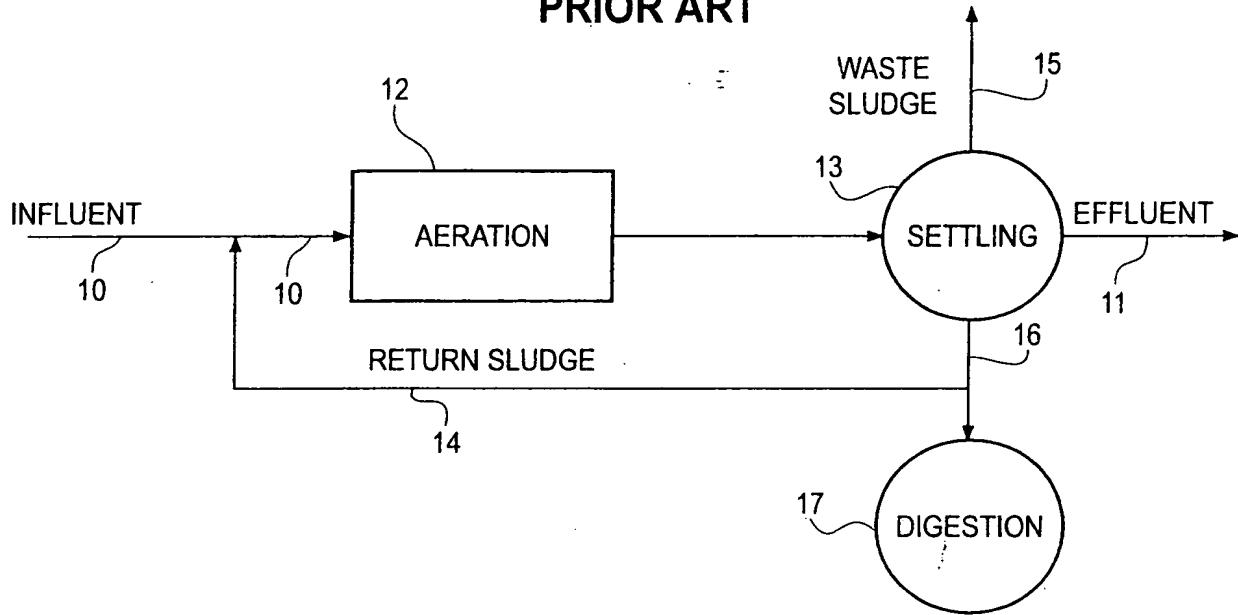


FIG. 2
PRIOR ART

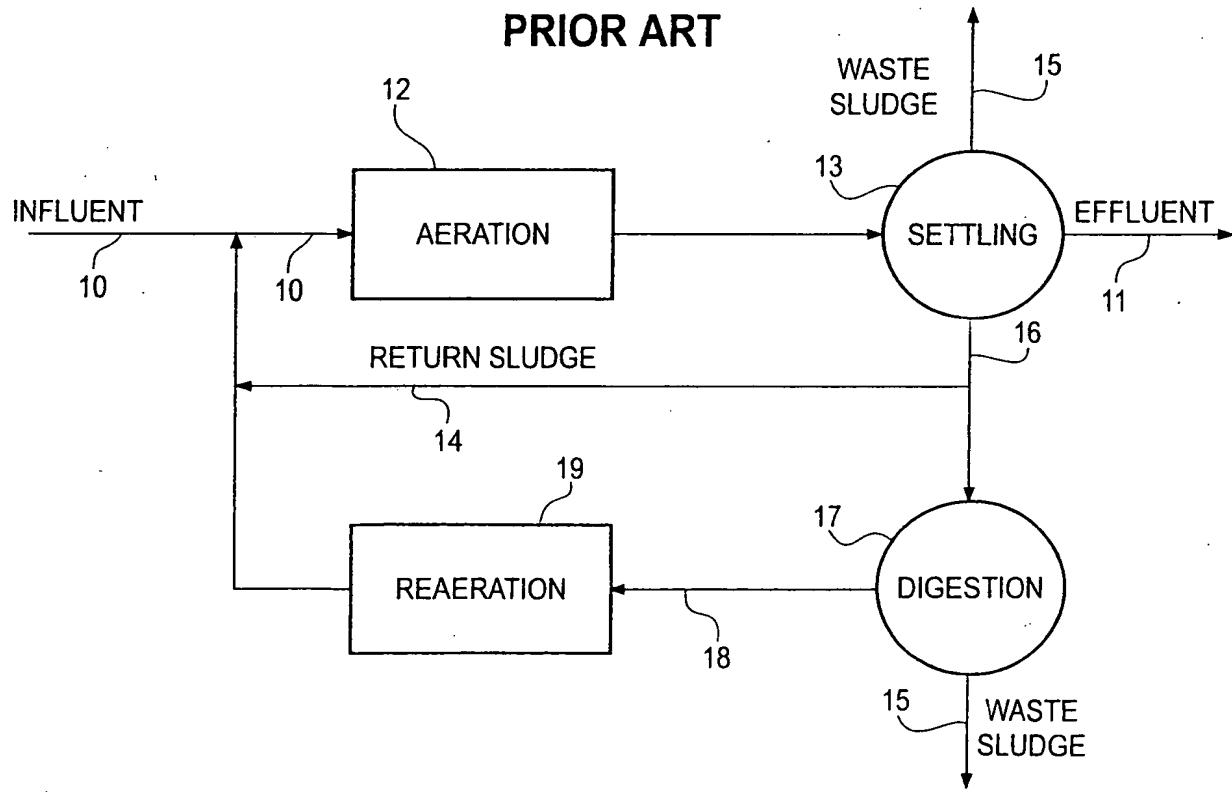


FIG. 3

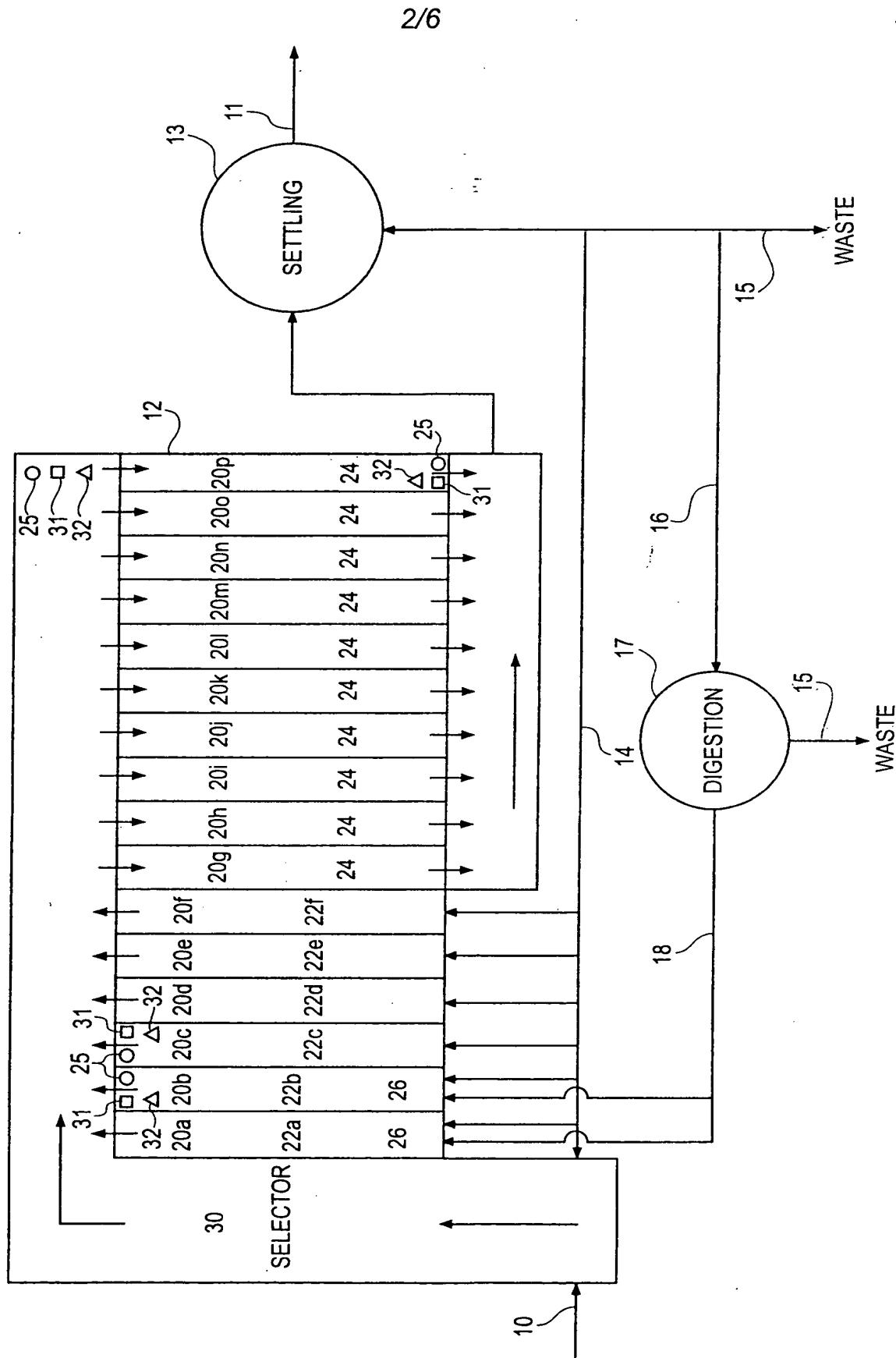


FIG. 4

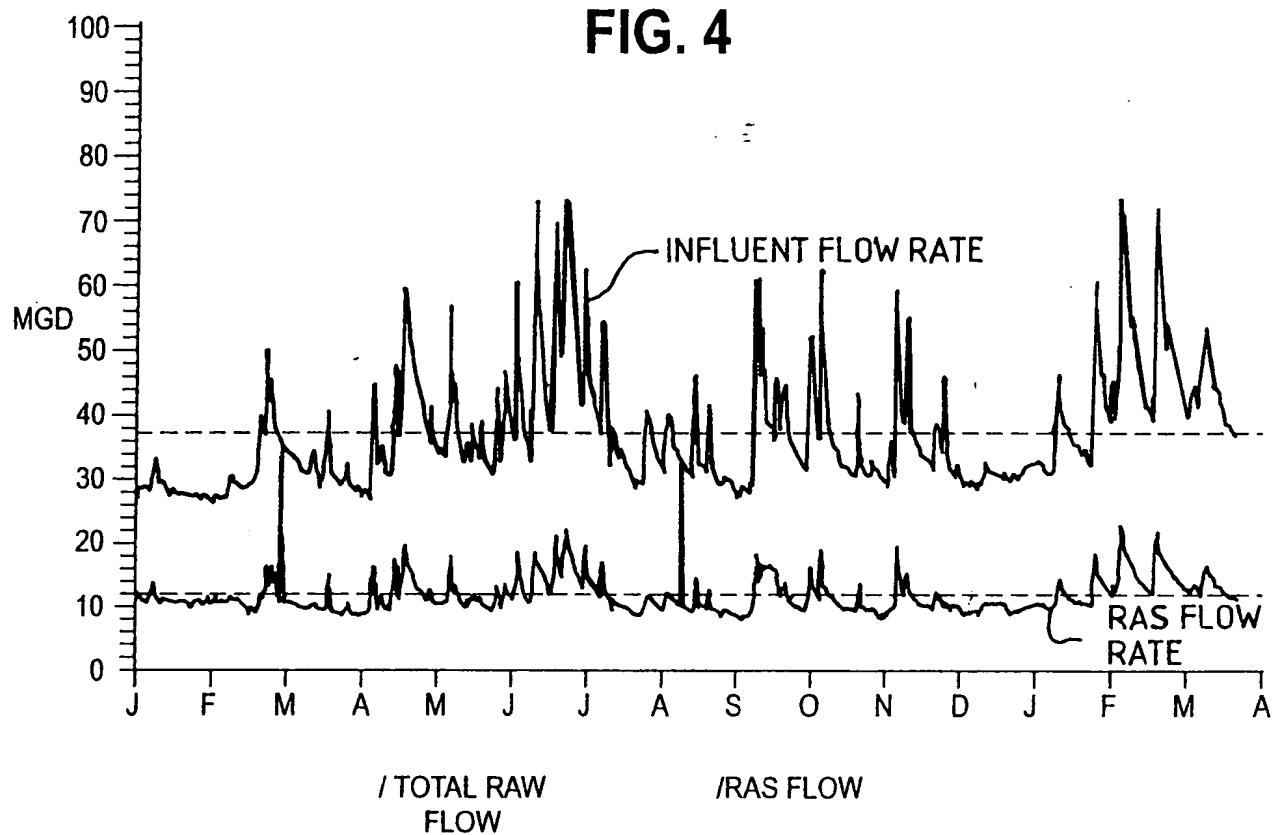


FIG. 5

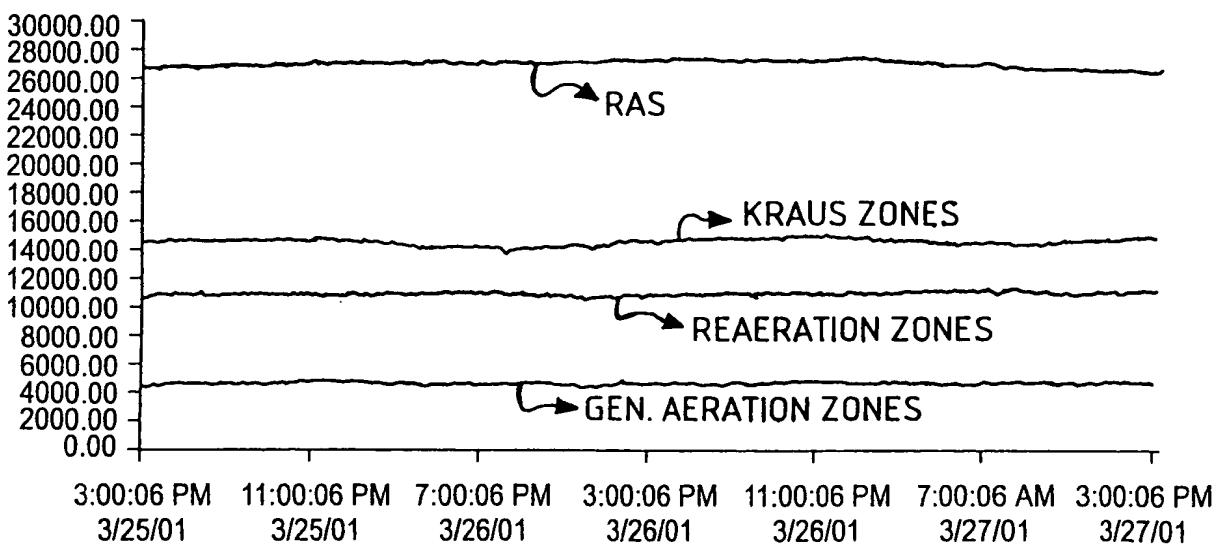
MLSS
mg/l

FIG. 6

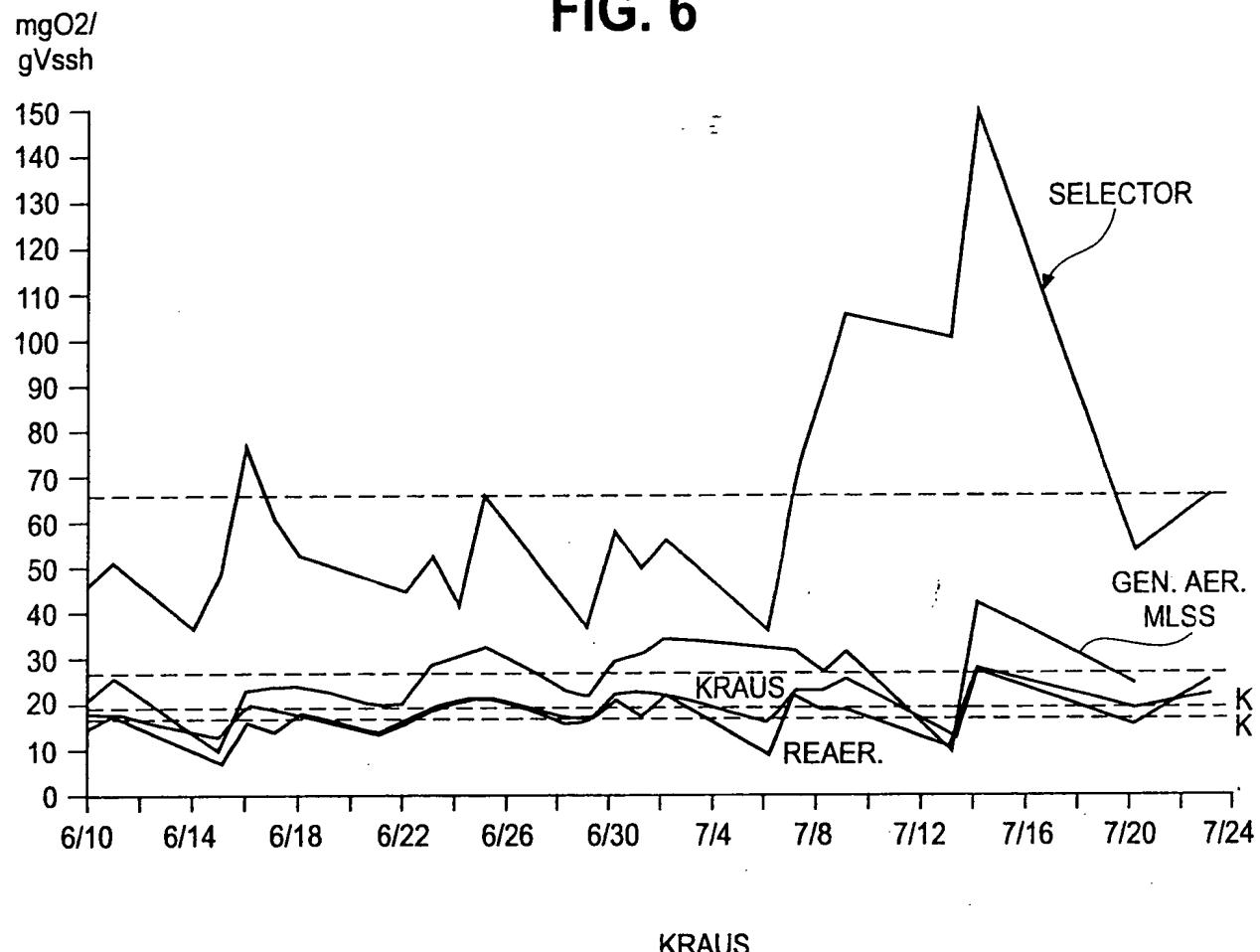


FIG. 7

5/6

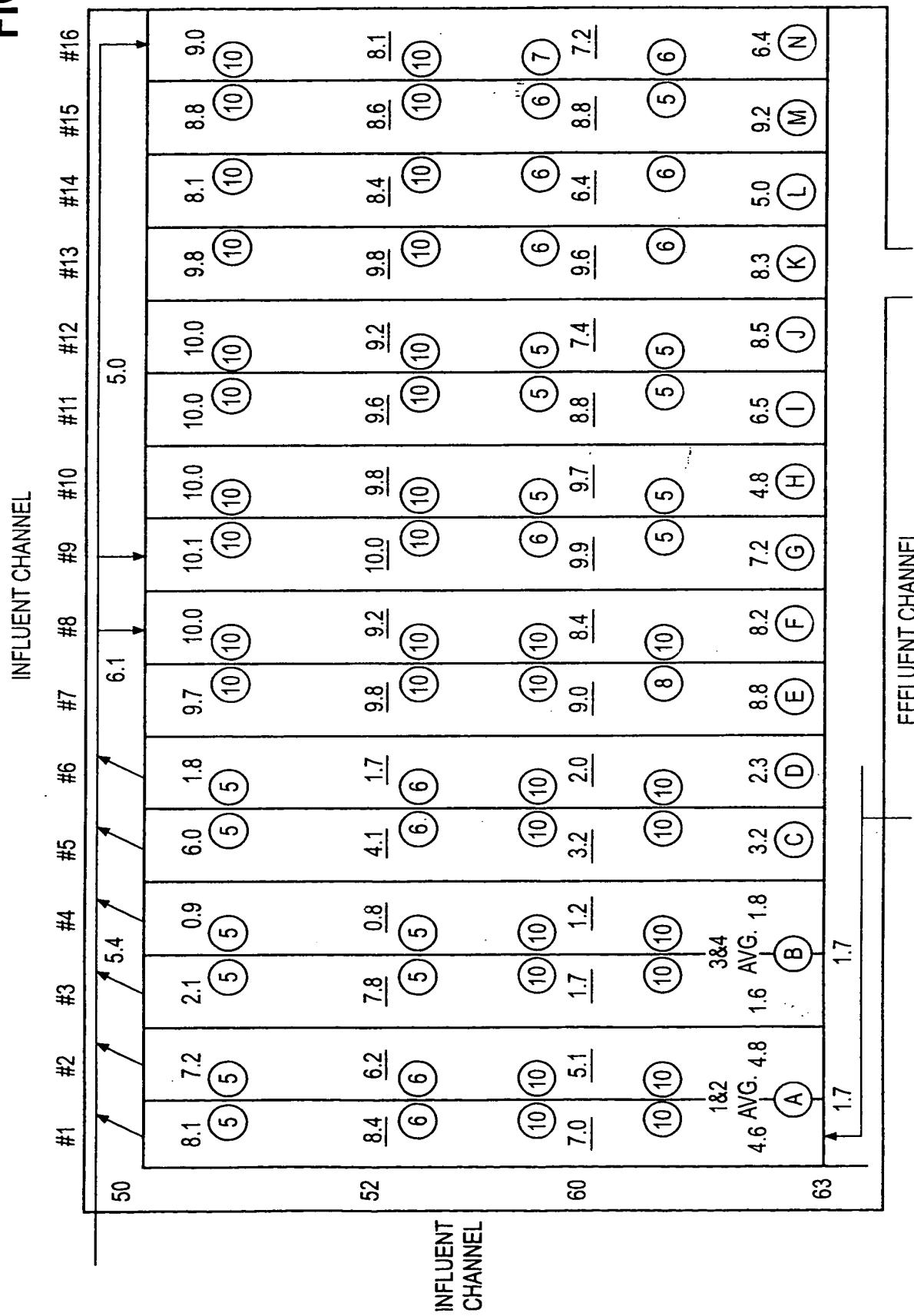


FIG. 8

	CONVENTIONAL SINGLE STAGE NITRIFICATION	INVENTION
HYDRAULIC LOADING	48 MGD	72 MGD
MASS LOADING	250,000 lbs. COD/d	450,000 lbs. COD/d
NUTRIENT REMOVAL, N	70%	90-95%
NUTRIENT REMOVAL, P	85%	85%
SVI	80-120	40-60